



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

09/938,711

08/23/2001

Arthur A. Renda

10011961-1

1781

7590 05/14/2007
HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P.O. Box 272400
Fort Collins, CO 80527-2400

EXAMINER

POON, KING Y

ART UNIT

PAPER NUMBER

2625

MAIL DATE

DELIVERY MODE

05/14/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 09/938,711	Applicant(s) RENDA, ARTHUR A.	
	Examiner King Y. Poon	Art Unit 2625	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 26 February 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 19-23 and 28-34 is/are pending in the application.
- 4a) Of the above claim(s) 28-33 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 19-23, 34 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claims 28-33 are withdrawn from further consideration pursuant to 37 CFR 1.142(b), as being drawn to a nonelected species, there being no allowable generic or linking claim. Applicant timely traversed the restriction (election) requirement in the reply filed on 2/26/2007.

The traverse is based on because both claims 10 and 28 include "a key", all claims readable on "assembling a key from the other data."

This is not found persuasive because claims 28-33 does not require assembling a key from the other data.

The requirement is still deemed proper and is therefore made FINAL.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 19-23, 34 are rejected under 35 U.S.C. 103(a) as being unpatentable over Redford et al (US 5,624,265) in view of Kikinis (US 5,752,075) and Nishiyama (US 5,604,844).

Regarding claim 19: Redford teaches a method, comprising: inserting a PC card (column 8, lines 30-35, column 15, lines 30-37) in a PC card reader in a printing device

Art Unit: 2625

(host device, column 8, lines 17-20, column 9, lines 44-50, note); retrieving data from a file (computer inherently reads image in a PC card column 8, lines 30-35 from a file, column 4, lines 19-27, column 9, lines 14-21) in a memory of the PC Card that is in an AV predetermined format (column 43, lines 24-48, column 14, lines 15-20, column 40, lines 10-15), the file comprising compressed audio data (sound file, column 43, lines 40-65, column 14, lines 15-20) and other data (application and selection data, column 9, lines 20-25), assembling a key from the other data (from the selection data and application directed to selected data, key are created to retrieve content from a remote server, column 9, lines 14-20, column 10, lines 1-5, column 8, lines 40-45, column 38, lines 54); downloading information identified by the key directly to a printing device (host device, column 8, lines 17-20, column 9, lines 44-50, note) without communication with a PC (the host device does not require to be a PC, column 8, lines 25-27); and printing report with the printing device utilizing the downloaded information (column 9, lines 43-53), wherein after said retrieving said printing is capable of occurring without a user intervention (fig. 8A, display/print occurs after retrieving without user intervention, column 38, lines 50-60).

Note: Redford, column 8, lines 15-20, teaches the host device (printing device) is intended to mean ANY DEVICE which can display to the user associated electronic content encoded in remote location, and column 9, lines 43-53 teaches display is defined as not only display but printing also.

Such printing device structure is not shown in Redford. One example of the host is shown in 120 of fig. 1E, Redford, and column 8, lines 16-27. From that it is clear that the printing device must have a computing component and a printing component.

Nishiyama, in the same area of computer and printer teaches to combine the host computer and a printer in to a single device to form a printing device (fig. 1) and Kikinis teaches such combination would significantly decrease cost to producers, distributors, retailers, and consumers (column 1, lines 50-55).

Therefore, it would have been obvious to a person with ordinary skill in the art at the time the invention was made to have modified Redford to use the information processing apparatus of Nishiyama (column 2, lines 24-26) or the image enhanced computer system of Kikinis (column 3, lines 50-52) as the host 120 of Redford in order to significantly decrease cost to producers, distributors, retailers, and consumers.

Regarding claim 20: Redford teaches wherein downloading information further comprises accessing a remote site and determining if the key is matched at the remote server in order to the download the information (since different information is being stored in the remote server (column 8, lines 40-50), the signal (key) generated must match a particular information stored in the remote server such that the desired content can be transmitted by the remote server.

Regarding claim 21: See discussion of claim 19.

Redford further teaches wherein downloading information further comprise accessing a telephone number (column 13, lines 5-13), of a remote access site in the key and utilizing the telephone number to locate and download the information.

Art Unit: 2625

Regarding claim 22: Redford teaches wherein downloading information further comprises accessing a universal resource locator (URL) in the key and utilizing the URL to locate and download the information (Internet, column 13, lines 5-10; accessing stored file in a server through Internet inherently using URL).

Regarding claim 23: Redford teaches a computer-readable medium comprising computer-executable instructions to perform a method as recited in Claim 19 (column 8, lines 20-27, a computer inherently has computer readable medium storing a program for controlling the computer).

Regarding claim 34: Redford teaches wherein assembling a key further comprises transmitting the key from the printing device to a remote site (column 8, lines 20-25), and wherein downloading information further comprises downloading the information identified by the key directly to the printing device from the remote site without communication with a PC (see discussion of claim 19).

Response to Arguments

4. Applicant's arguments filed 11/13/2006 have been fully considered but they are not persuasive.

With respect to applicant's argument that the prior art does not teach claim 19 has been considered.

Art Unit: 2625

In reply: Redford teaches a method, comprising: inserting a PC card (column 8, lines 30-35, column 15, lines 30-37) in a PC card reader in a printing device (host device, column 8, lines 17-20, column 9, lines 44-50, note); retrieving data from a file (computer inherently reads image in a PC card column 8, lines 30-35 from a file, column 4, lines 19-27, column 9, lines 14-21) in a memory of the PC Card that is in an AV predetermined format (column 43, lines 24-48, column 14, lines 15-20, column 40, lines 10-15), the file comprising compressed audio data (sound file, column 43, lines 40-65, column 14, lines 15-20) and other data (application and selection data, column 9, lines 20-25), assembling a key from the other data (from the selection data and application directed to selected data, key are created to retrieve content from a remote server, column 9, lines 14-20, column 10, lines 1-5, column 8, lines 40-45, column 38, lines 54); downloading information identified by the key directly to a printing device (host device, column 8, lines 17-20, column 9, lines 44-50, note) without communication with a PC (the host device does not require to be a PC, column 8, lines 25-27); and printing report with the printing device utilizing the downloaded information (column 9, lines 43-53), wherein after said retrieving said printing is capable of occurring without a user intervention (fig. 8A, display/print occurs after retrieving without user intervention, column 38, lines 50-60).

Note: Redford, column 8, lines 15-20, teaches the host device (printing device) is intended to mean ANY DEVICE which can display to the user associated electronic content encoded in remote location, and column 9, lines 43-53 teaches display is defined as not only display but printing also.

Art Unit: 2625

Such printing device structure is not shown in Redford. One example of the host is shown in 120 of fig. 1E, Redford, and column 8, lines 16-27. From that it is clear that the printing device must have a computing component and a printing component.

Nishiyama, in the same area of computer and printer teaches to combine the host computer and a printer in to a single device to form a printing device (fig. 1) and Kikinis teaches such combination would significantly decrease cost to producers, distributors, retailers, and consumers (column 1, lines 50-55).

Therefore, it would have been obvious to a person with ordinary skill in the art at the time the invention was made to have modified Redford to use the information processing apparatus of Nishiyama (column 2, lines 24-26) or the image enhanced computer system of Kikinis (column 3, lines 50-52) as the host 120 of Redford in order to significantly decrease cost to producers, distributors, retailers, and consumers.

Conclusion

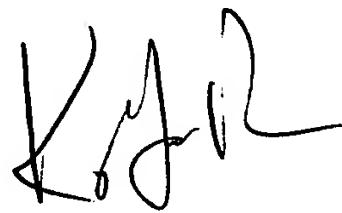
5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to King Y. Poon whose telephone number is 571-272-7440. The examiner can normally be reached on Mon-Fri 8:00-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Coles can be reached on 571-272-7402. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2625

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

May 8, 2007

A handwritten signature in black ink, appearing to read 'K. Poon', with a stylized flourish at the end.

KING Y. POON
PRIMARY EXAMINER